

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081423.D
 Acq On : 14 Mar 2024 20:29
 Operator : JC\MD
 Sample : P1769-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-031424

Quant Time: Mar 15 01:19:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

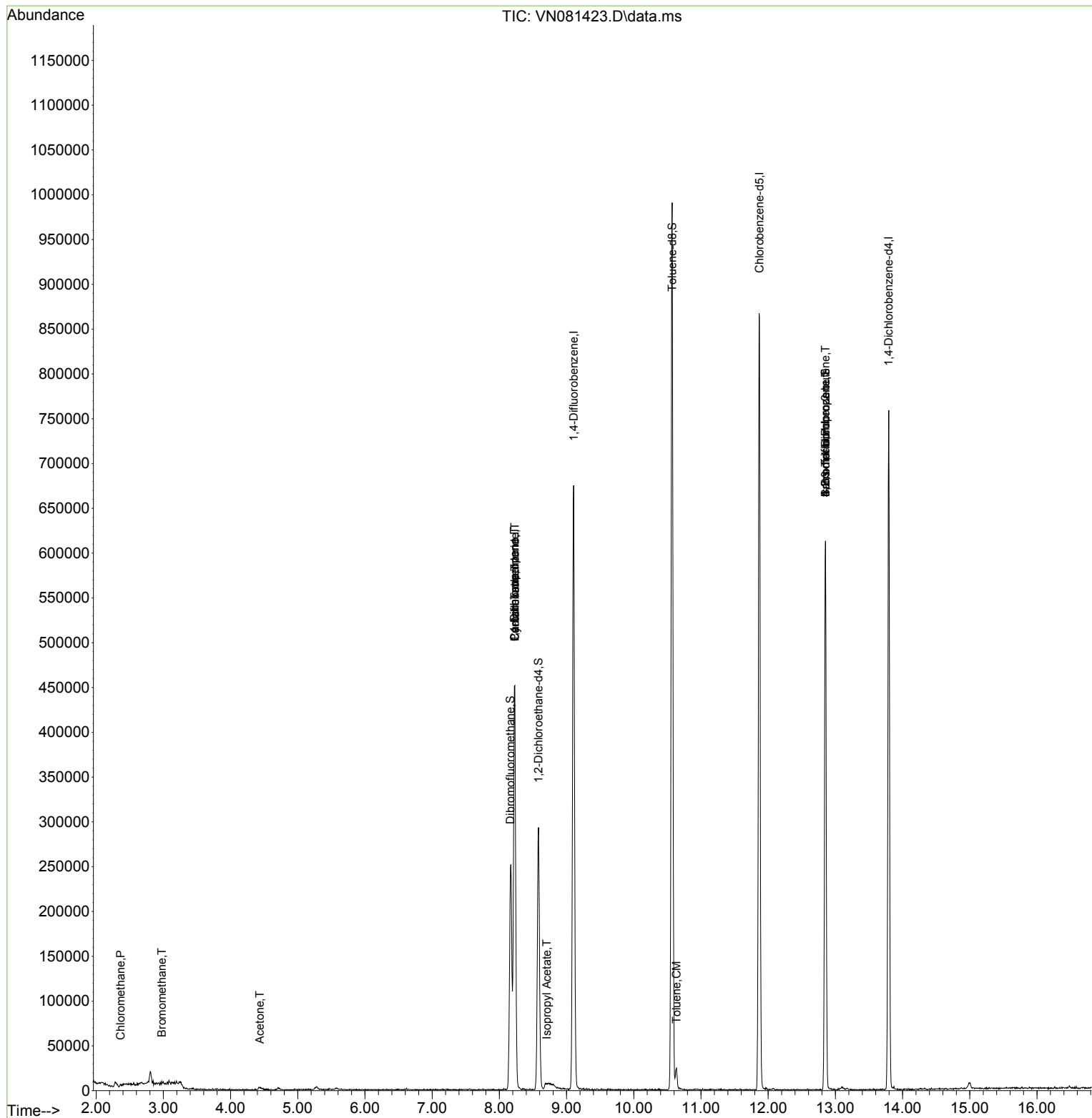
Internal Standards						
1) Pentafluorobenzene	8.230	168	307944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	565069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	483711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	233491	52.440	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.880%	
35) Dibromofluoromethane	8.165	113	180073	52.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	10.571	98	672381	51.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	12.853	95	210356	45.988	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	955	0.217	ug/l #	84
5) Bromomethane	2.977	94	1209	0.394	ug/l #	38
16) Acetone	4.436	43	5823	3.691	ug/l #	72
20) Methylene Chloride	5.283	84	1905	Below Cal	#	59
31) Cyclohexane	8.230	56	8605	1.277	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	28092	5.030	ug/l #	51
38) Carbon Tetrachloride	8.230	117	36510	6.495	ug/l #	17
43) Isopropyl Acetate	8.706	43	4910	0.514	ug/l #	57
52) Toluene	10.635	92	10241	1.017	ug/l	86
71) Bromoform	12.853	173	1879	0.726	ug/l #	30
76) 1,2,3-Trichloropropane	12.853	75	118635	26.952	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118635	75.219	ug/l #	14

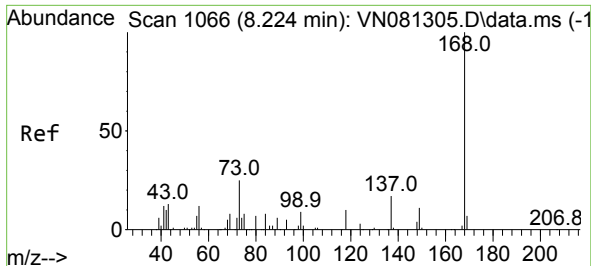
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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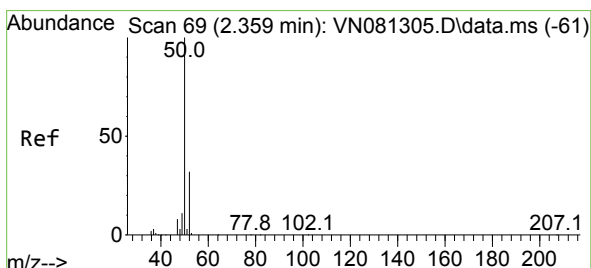
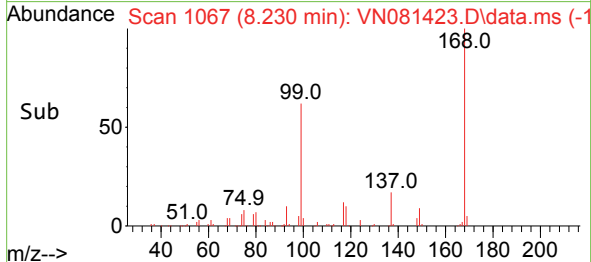
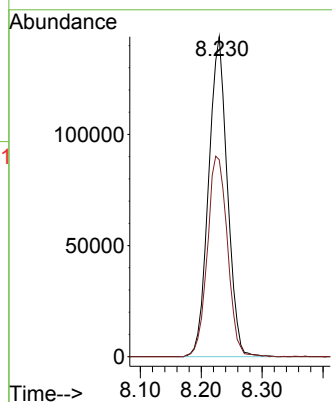
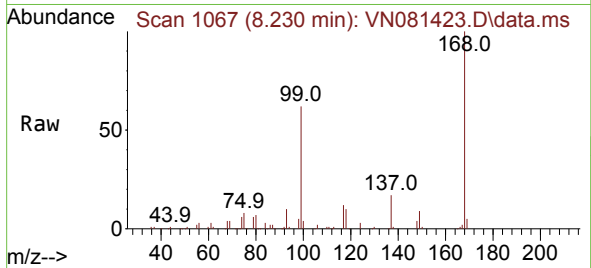




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

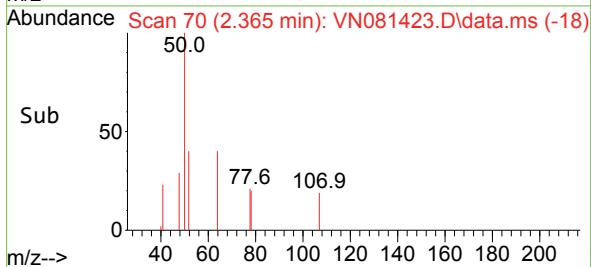
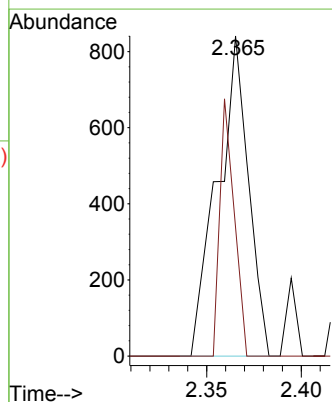
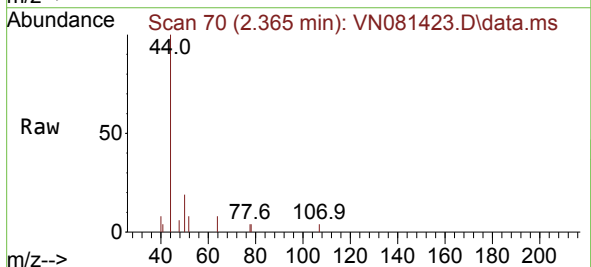
Instrument :
MSVOA_N
ClientSampleId :
TB-031424

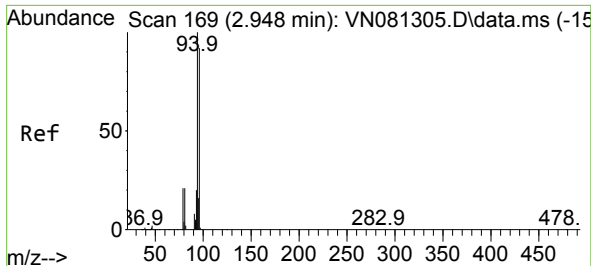
Tgt Ion:168 Resp: 307944
Ion Ratio Lower Upper
168 100
99 61.6 59.9 89.9



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

Tgt Ion: 50 Resp: 955
Ion Ratio Lower Upper
50 100
52 40.2 25.0 37.4#

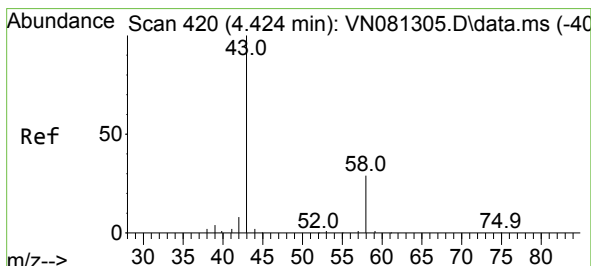
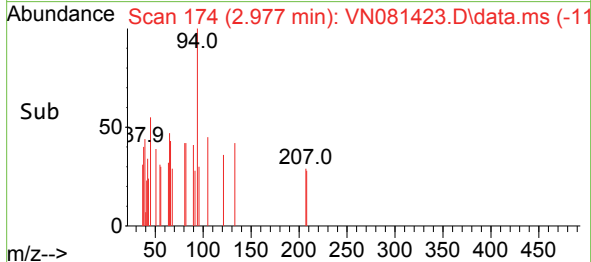
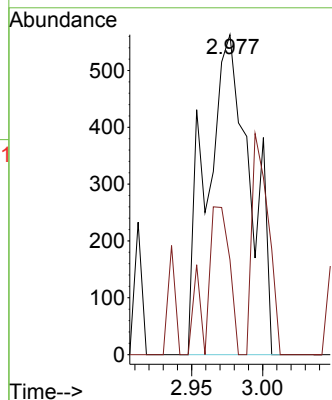
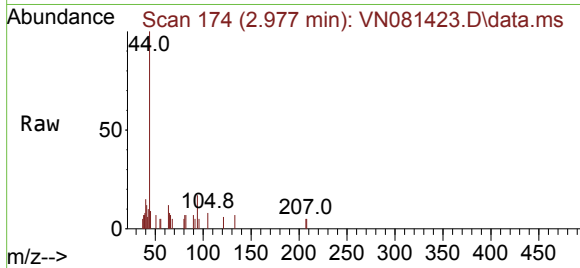




#5
Bromomethane
Concen: 0.394 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

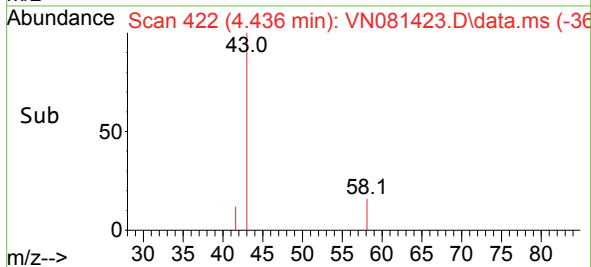
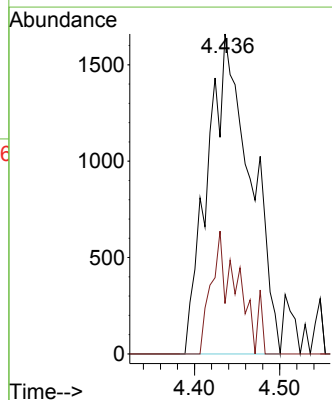
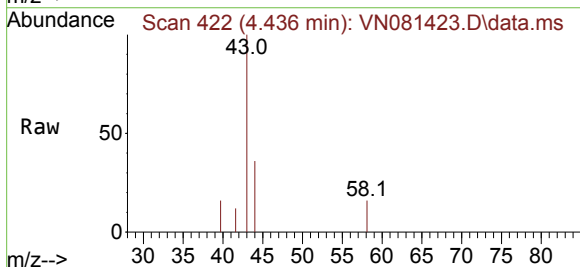
Instrument :
MSVOA_N
ClientSampleId :
TB-031424

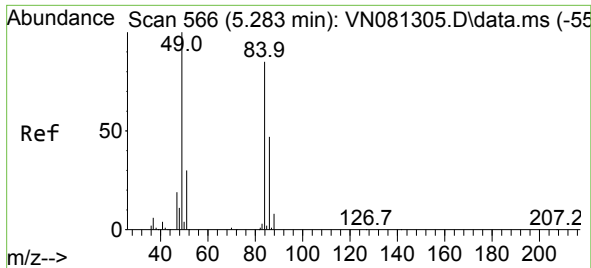
Tgt Ion: 94 Resp: 1209
Ion Ratio Lower Upper
94 100
96 29.7 69.2 103.8#



#16
Acetone
Concen: 3.691 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

Tgt Ion: 43 Resp: 5823
Ion Ratio Lower Upper
43 100
58 15.7 24.8 37.2#

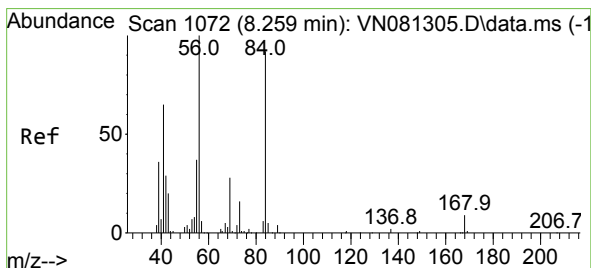
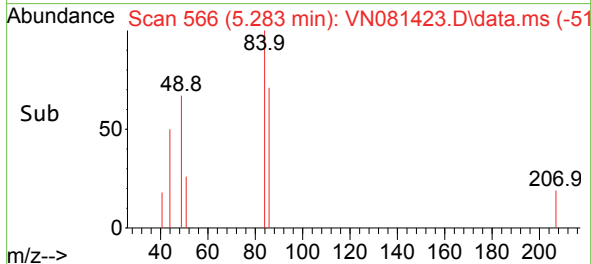
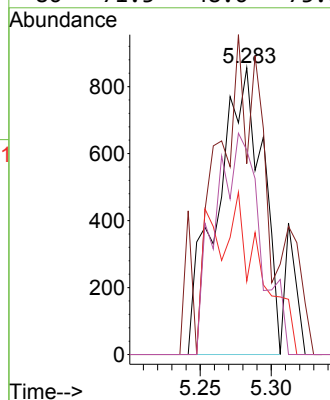
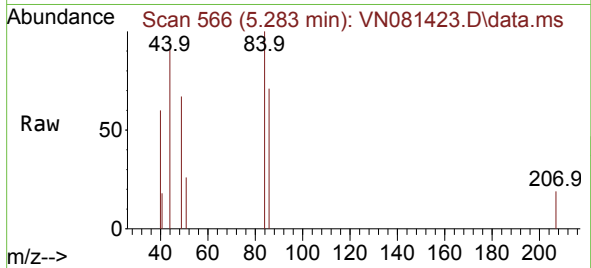




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

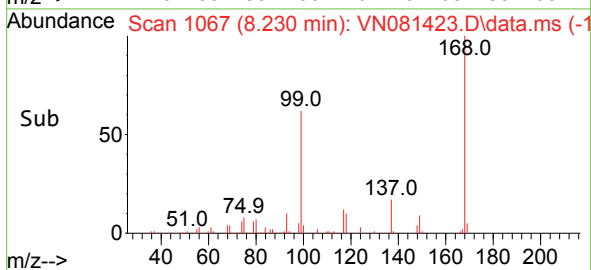
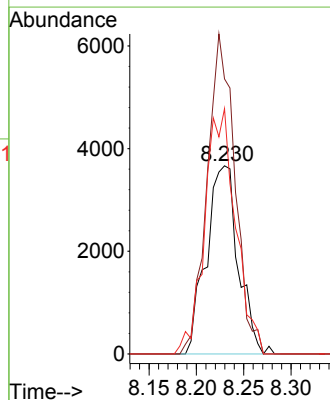
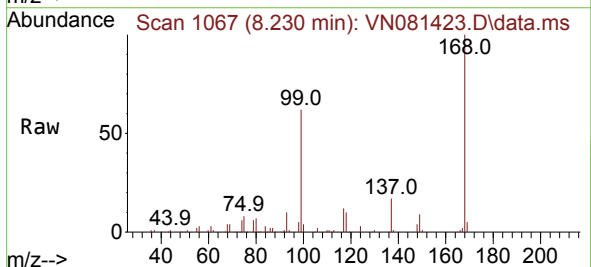
Instrument :
MSVOA_N
ClientSampleId :
TB-031424

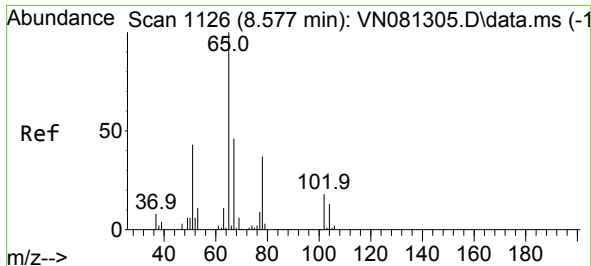
Tgt Ion:	84	Resp:	1905
Ion	Ratio	Lower	Upper
84	100		
49	66.6	108.1	162.1#
51	25.6	32.9	49.3#
86	71.3	48.6	73.0



#31
Cyclohexane
Concen: 1.277 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

Tgt Ion:	56	Resp:	8605
Ion	Ratio	Lower	Upper
56	100		
69	146.2	20.1	30.1#
84	138.2	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 52.440 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

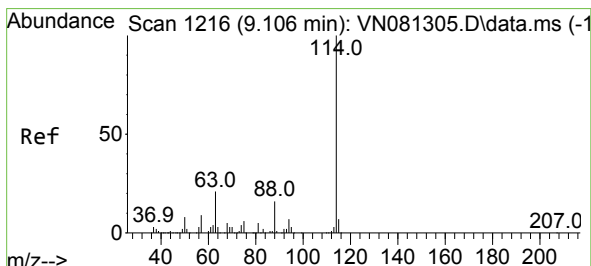
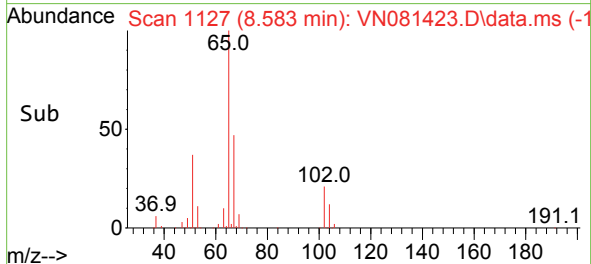
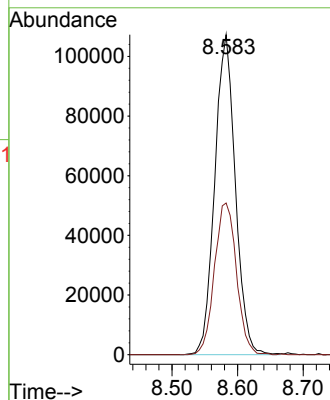
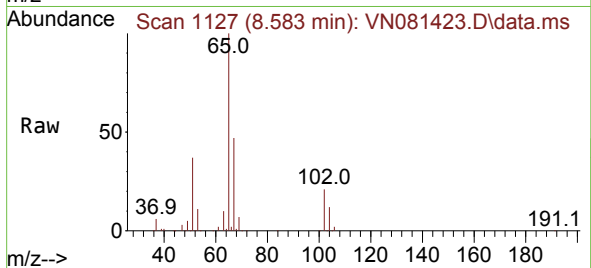
TB-031424

Tgt Ion: 65 Resp: 233491

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

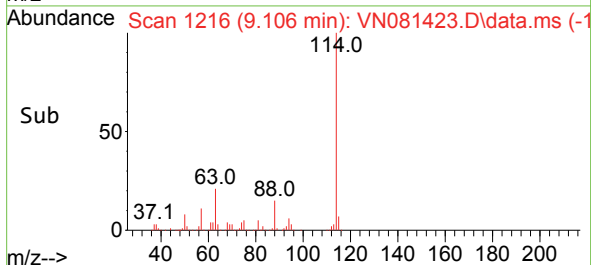
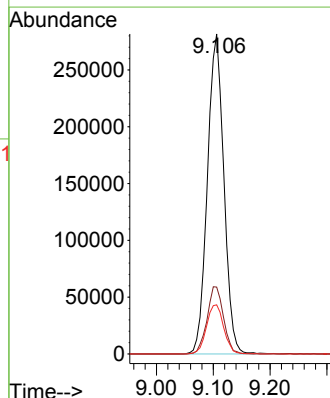
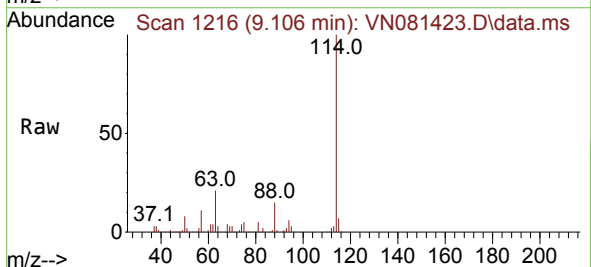
Tgt Ion: 114 Resp: 565069

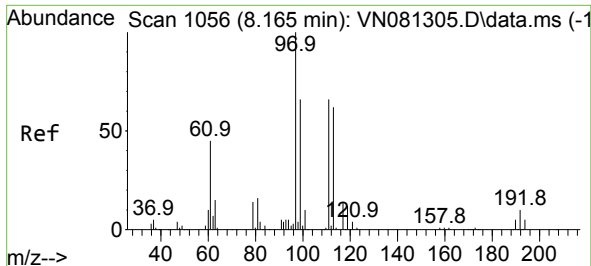
Ion Ratio Lower Upper

114 100

63 20.9 0.0 48.0

88 15.3 0.0 34.8

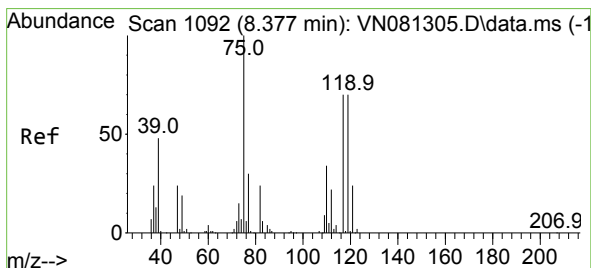
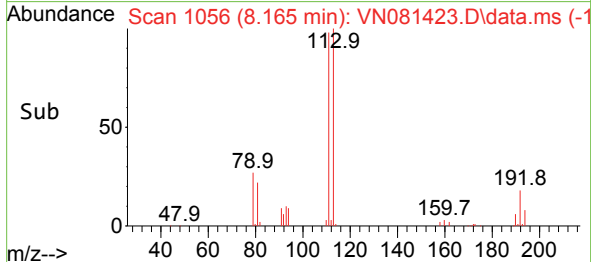
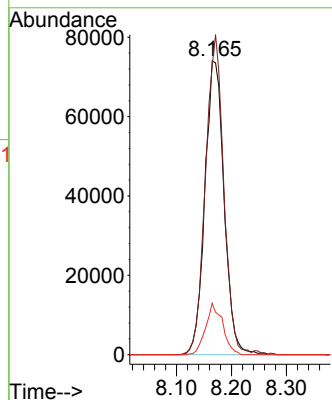
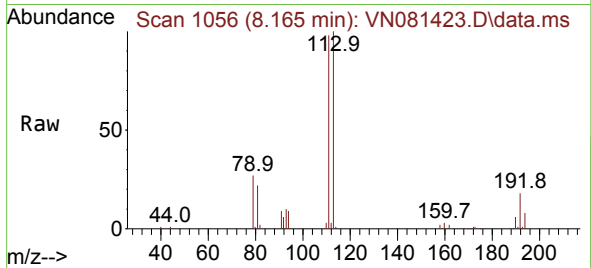




#35
Dibromofluoromethane
Concen: 52.014 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

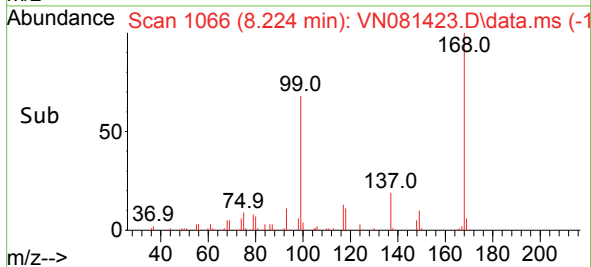
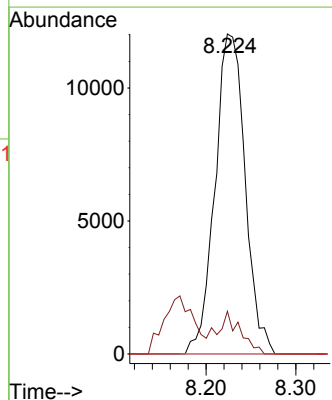
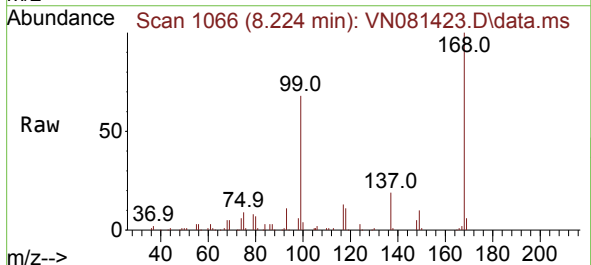
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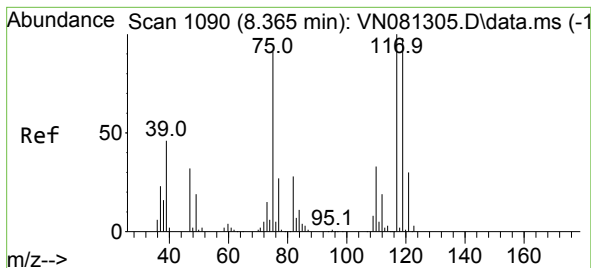
Tgt Ion:113 Resp: 180073
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 15.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.030 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

Tgt Ion: 75 Resp: 28092
Ion Ratio Lower Upper
75 100
110 10.0 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.495 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081423.D

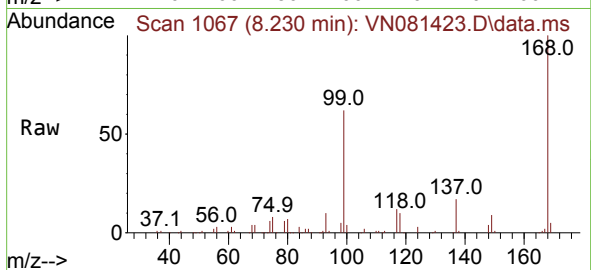
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Instrument :

MSVOA_N

ClientSampleId :

TB-031424



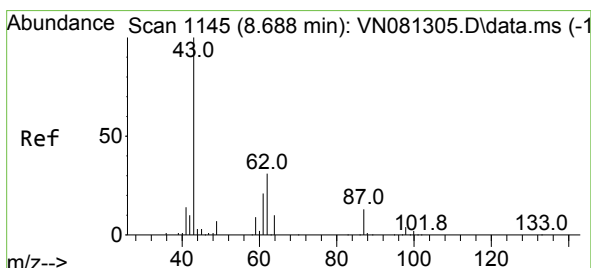
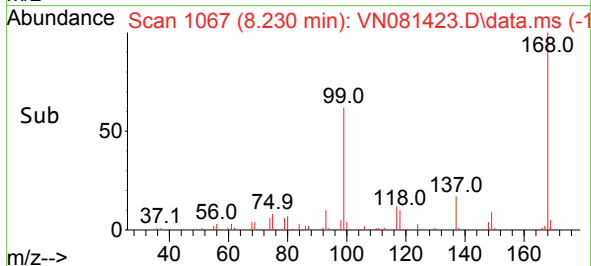
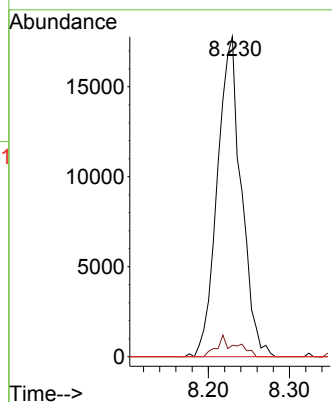
Tgt Ion:117 Resp: 36510

Ion Ratio Lower Upper

117 100

119 3.6 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.514 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.018 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

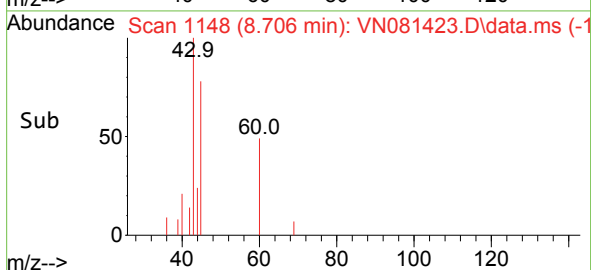
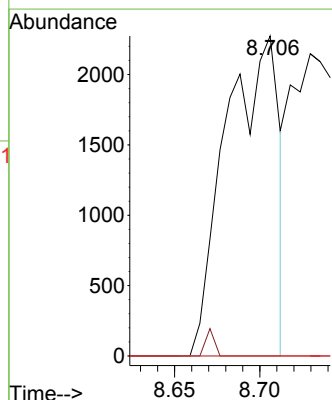
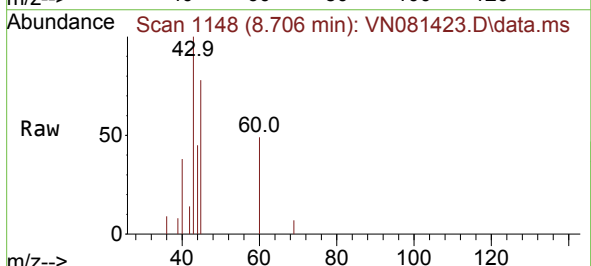
Tgt Ion: 43 Resp: 4910

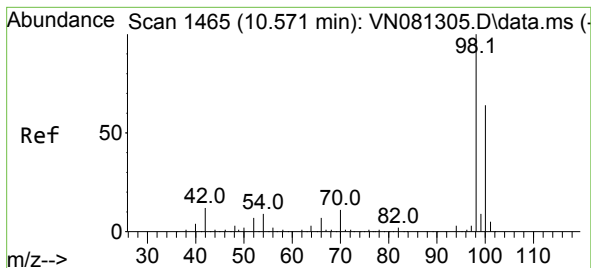
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#





#50

Toluene-d8

Concen: 51.954 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

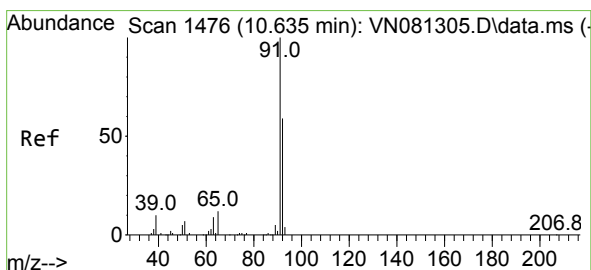
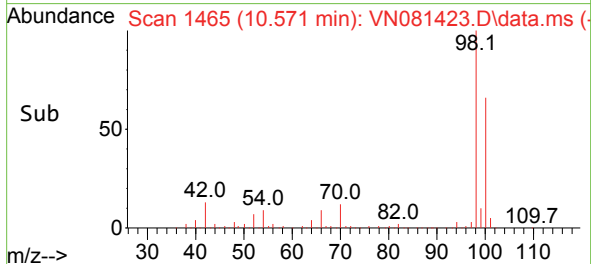
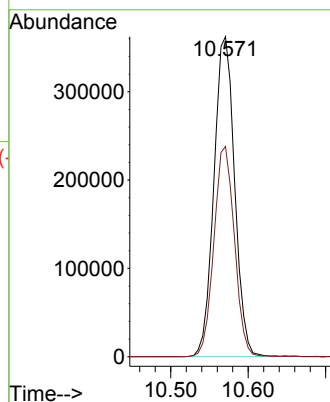
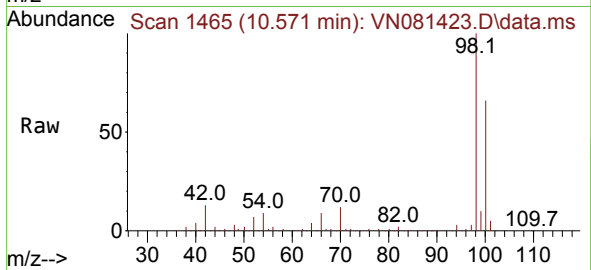
TB-031424

Tgt Ion: 98 Resp: 672381

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0



#52

Toluene

Concen: 1.017 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN081423.D

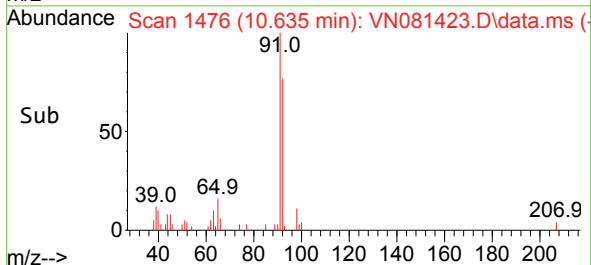
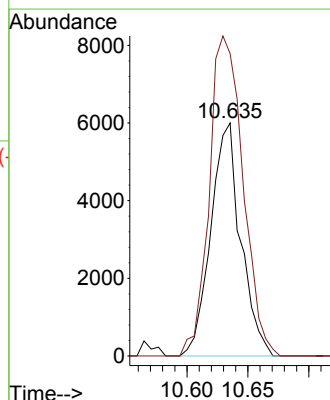
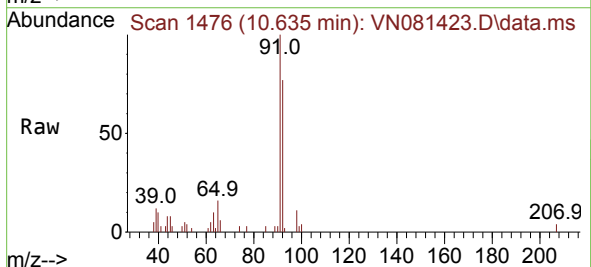
Acq: 14 Mar 2024 20:29

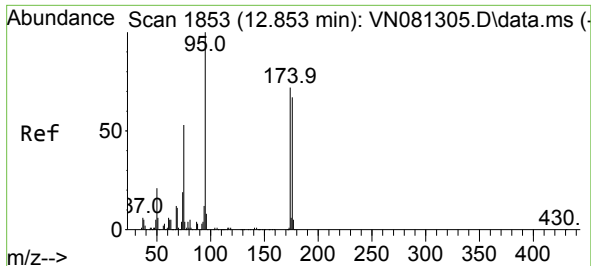
Tgt Ion: 92 Resp: 10241

Ion Ratio Lower Upper

92 100

91 155.0 139.4 209.0

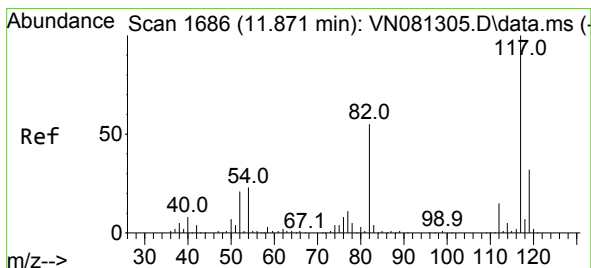
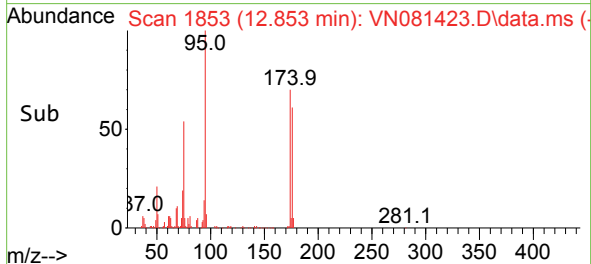
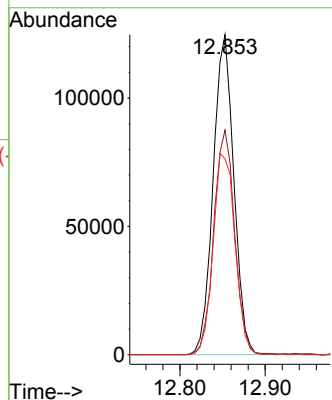
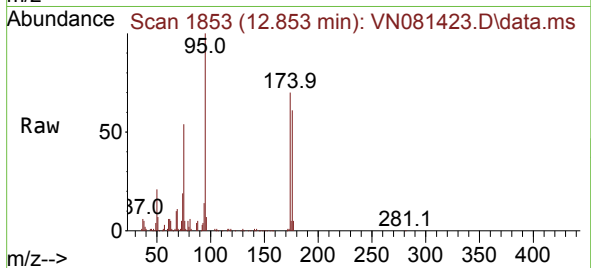




#62
4-Bromofluorobenzene
Concen: 45.988 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

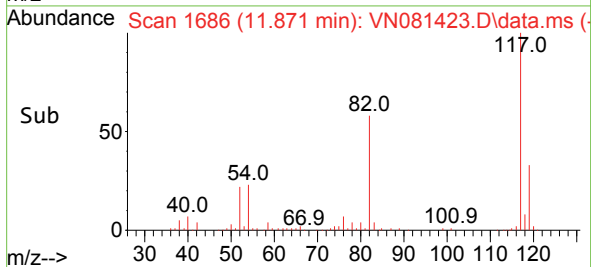
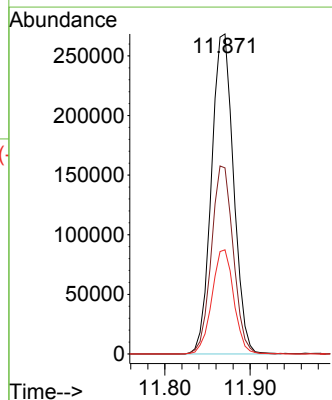
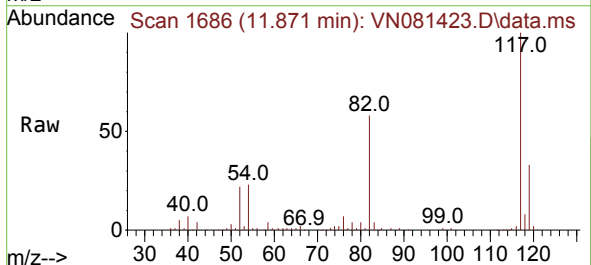
Instrument :
MSVOA_N
ClientSampleId :
TB-031424

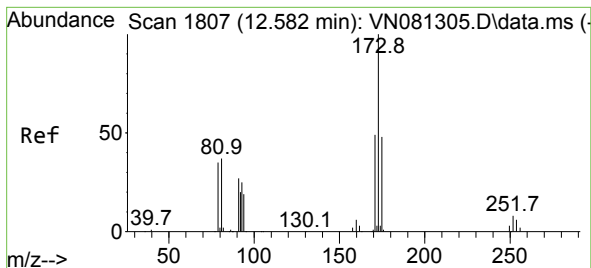
Tgt Ion: 95 Resp: 210356
Ion Ratio Lower Upper
95 100
174 70.6 0.0 120.4
176 66.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

Tgt Ion: 117 Resp: 483711
Ion Ratio Lower Upper
117 100
82 58.2 52.7 79.1
119 32.6 25.3 37.9





#71

Bromoform

Concen: 0.726 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

TB-031424

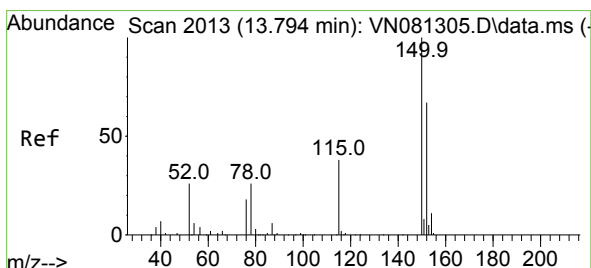
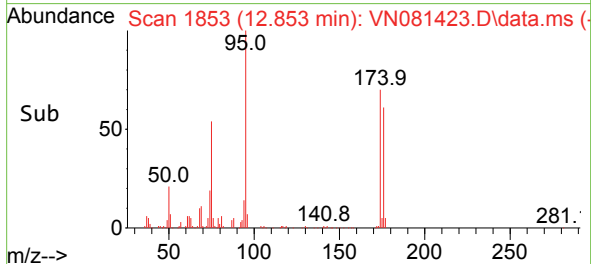
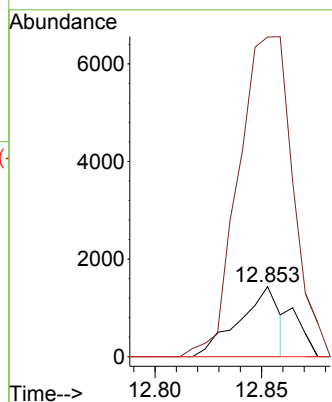
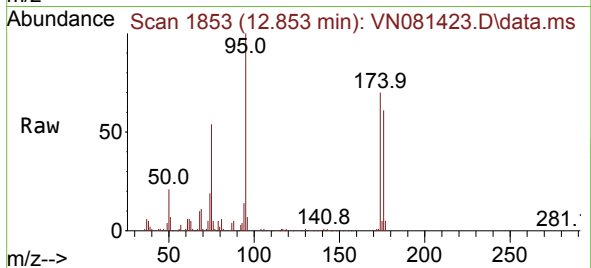
Tgt Ion:173 Resp: 1879

Ion Ratio Lower Upper

173 100

175 0.0 23.1 69.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081423.D

Acq: 14 Mar 2024 20:29

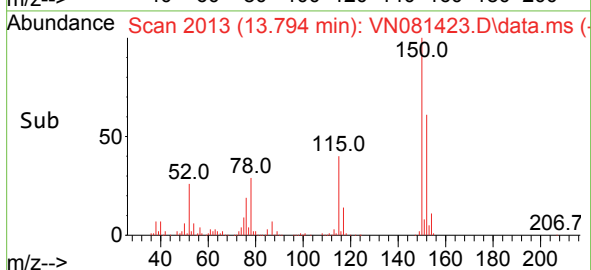
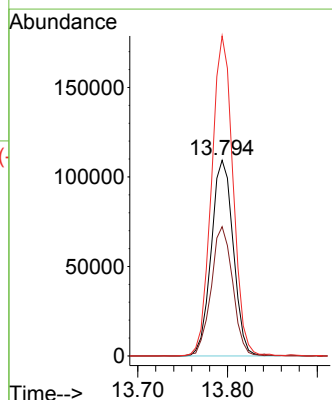
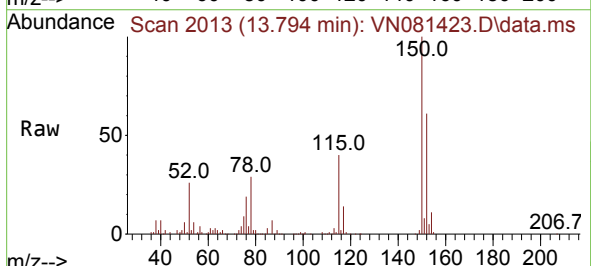
Tgt Ion:152 Resp: 186355

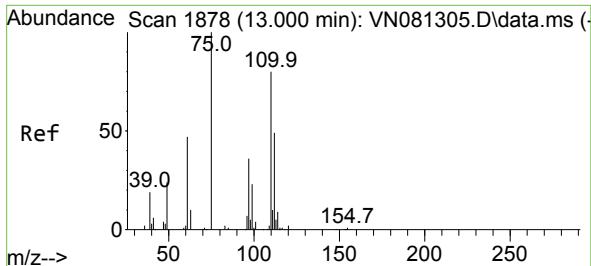
Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 159.5 0.0 339.8

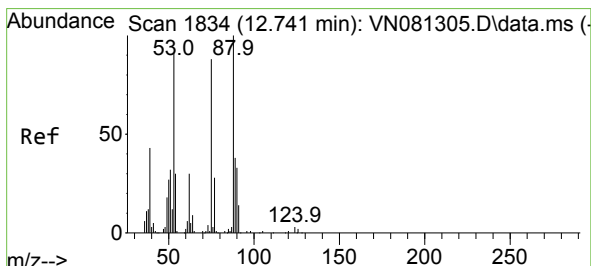
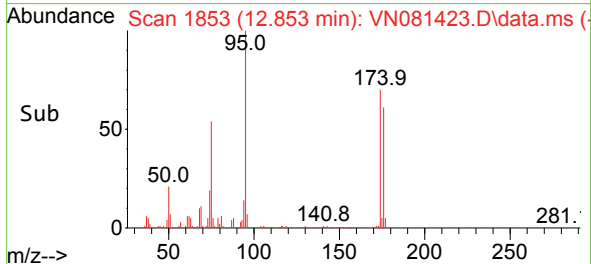
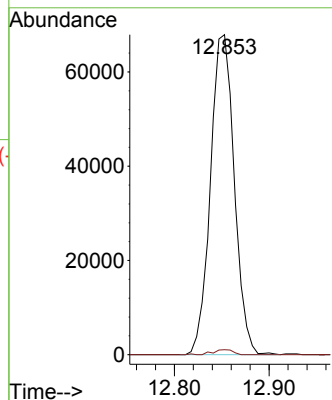
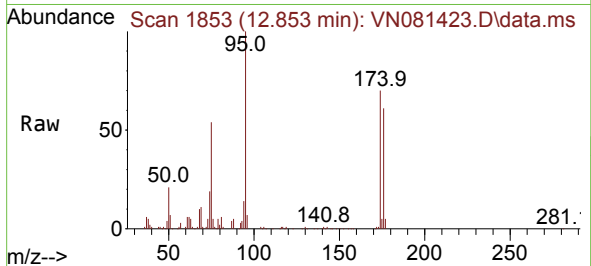




#76
1,2,3-Trichloropropane
Concen: 26.952 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

Instrument :
MSVOA_N
ClientSampleId :
TB-031424

Tgt Ion: 75 Resp: 118635
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.219 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081423.D
Acq: 14 Mar 2024 20:29

Tgt Ion: 75 Resp: 118635
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.2#
89 0.0 33.4 50.0#

